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- 40. (Amended) A method as in claim 60, wherein methylprednisolone is released within a time period of 1 day to 45 days in a vascular environment.
- 41. (Amended) A method as in claim 60, wherein methylprednisolone is released within a time period of 7 days to 21 days in a vascular environment.
- 42. (Amended) A method as in claim 60, further comprising releasing at least one other substance in addition to methylprednisolone simultaneously with methylprednisolone release.
- 43. (Amended) A method as in claim 60, further comprising releasing at least one other substance in addition to methylprednisolone sequentially with methylprednisolone release.
- 45. (Amended) A method as in claim 60, wherein the releasing comprises delaying substantial release of methylprednisolone for at least one hour following implantation of the prosthesis.
- 46. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone from a reservoir with a material that at least partially degrades in a vascular environment over said one hour.
- 47. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone with a matrix that at least partially degrades in a vascular environment over said one hour.
- 48. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone with a nondegradable matrix that allows diffusion of methylprednisolone through the nondegradable matrix after said one hour.

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- 49. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone with a rate limiting barrier that allows diffusion of methylprednisolone through the barrier after said one hour.
- 51. (Amended) A method as in claim 60, wherein the prosthesis incorporates methylprednisolone by coating, spraying, dipping, deposition, chemical bonding, or painting methylprednisolone on the prosthesis.
- 60. (New) A method for inhibiting restenosis in a blood vessel following recanalization of the blood vessel, said method comprising:

 implanting a vascular prosthesis in the blood vessel; and releasing methylprednisolone from the prosthesis into the blood vessel so as to inhibit smooth muscle cell proliferation.